

## UNIVERSITY OF MICHIGAN ENERGY SURVEY

### Questionnaire

The next questions are about energy. By energy, we mean electricity, gasoline, natural gas, propane, wood, and other fuels that you might use in your everyday life, as well as the natural resources from which these sources of energy are obtained.

- Q1. Considering all sources of energy you usually use in everyday life, how reliable would you say they are -- not at all reliable, slightly reliable, moderately reliable, or very reliable?
- Q2. What specific source of energy were you mostly thinking about when you said that the energy you use is [not at all / slightly / moderately / very] reliable?

Next are some questions about energy and the environment.

- Q3. Thinking about all sources of energy people use in everyday life, to what extent would you say they affect the environment? Would you say a lot, a fair amount, a little, or not at all?
- Q4. Which one of the following is affected the most by the energy people use in everyday life -- air, water, global warming, or personal health?
- Q5. What particular source of energy would you say affects [the air / water / global warming / personal health] the most?
- Q6. Thinking about the next five years, do you think the energy people use in everyday life will affect the environment more, affect the environment less, or will the environmental impact of energy stay about the same?
- Q7. How often do you reduce the energy you use for your home or vehicle for environmental reasons -- always, often, sometimes, or never?

The next few questions are about your household's energy expenses.

- Q8. Now thinking about the last time you (or someone else in your household) paid a household energy bill of any kind, how much did that bill cost you? Please do not include your water bill.

*If clarification is needed:* In this study, household energy expenses include whatever you might pay for electricity, natural gas, propane, heating oil or other fuels you might use in your home for household chores, lights, electronics and entertainment, appliances, and heating and air conditioning.

[If you cannot remember the exact amount, please give us your best estimate.]

- Q9. What sources or types of energy did that bill cover?
- Q10. About how much do you expect that [heating oil / kerosene / (natural) gas / electricity / propane / energy] bill to cost you five years from now?

*If respondent says they don't know, probe:* About what percent do you expect that [respondent's type of energy] bill to increase in five years from now?

- Q11. At what dollar amount would that [respondent's type of energy] bill become unaffordable to you (and your family)? By unaffordable we mean that you (and your family) would be forced to make significant changes in the way you live your life.

*If respondent replies that bill is already unaffordable, probe:* At what dollar amount did that [respondent's type of energy] bill become unaffordable?

*If respondent says they don't know, probe:* What percent would that [respondent's type of energy] bill have to increase by to become unaffordable?

- Q12. At what price per gallon would gasoline get so high that it becomes unaffordable to you (and your family)? [By unaffordable we mean that you (and your family) would be forced to make significant changes in the way you get around.]

*If respondent replies that bill is already unaffordable, probe:* At what price per gallon did gasoline get so high that it became unaffordable?

*If respondent says they don't know, probe:* What percent would the price per gallon of gasoline have to increase by to become unaffordable?

- Q13. How would you (and your family) change the way you get around if gasoline prices reached that level?

*If already unaffordable, ask:* How did you (and your family) change the way you got around when gasoline prices reached that level?

- Q14. How often do you reduce the energy you use for your home or vehicle for cost reasons -- always, often, sometimes, or never?

I'm going to read you a list of energy problems. As I read each one, please tell me how much you personally worry about this problem.

- Q15. First, how much do you personally worry about the affordability of energy? Would you say a great deal, a fair amount, only a little, or not at all?

- Q16. How much do you personally worry about the reliability of energy? (Would you say a great deal, a fair amount, only a little, or not at all?)

- Q17. How much do you personally worry about the environmental impact of energy? (Would you say a great deal, a fair amount, only a little, or not at all?)

- Q18. People tell us they know a lot about some issues, but not so much about others. How much do you feel you know about energy issues, including the sources of energy, the production of energy, and the delivery of energy? Would you say a lot, a fair amount, a little, or nothing?

END